

WP1 Series Wall Pack

Job Name:

Type:

Voltage:

Description

The ActiveLED® WP1 Wall Pack consumes 50-85 percent less energy than conventional HID lighting. With its patented design and superior LED elements, the ActiveLED WP1 is a reliable light source with a 90,000-hour lumen life (90% Luminous Flux), making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive. The ActiveLED WP1 Series may easily be installed as new or retrofit lighting for office, industrial and retail structures to offer directional control and minimize light pollution outside the targeted light footprint for improved visibility and efficiency.

Specifications

Input Voltage: Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz

Input Power: 20 or 40 input watts, 18 or 36 LED watts

Power Factor: > 0.95 (at ~100-277 Volts)

THD: Total Harmonic Distortion (THD) <20% (typical 9.9%)

Power Supply: Integral power supply with aluminum housing, integrated intelligent controls and integral heat sink

Operating Temperature: -40° C to 60° C (-40° F to 140° F)

Lumen Lifetime: L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics: IP66 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system

CCT: 2700K, 3000K, 3500K, 4000K, or 5000K

Housing: .250 thick sheet aluminum for enclosure and heat sinking parts, stainless steel hardware

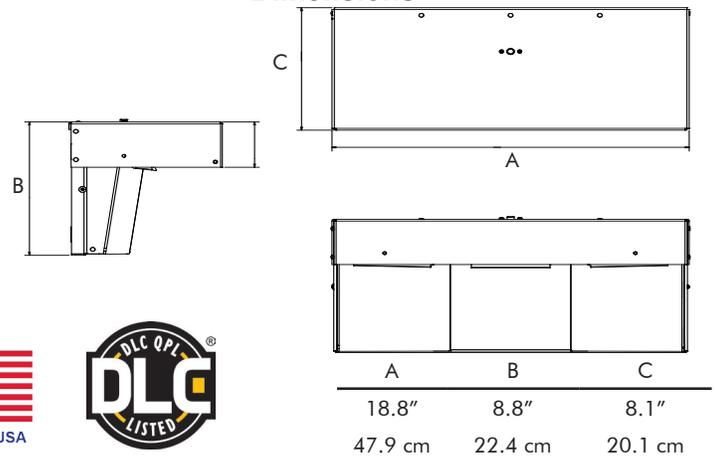
Finish: Powder coated after fabrication

Dimensions: 18.8"(l) x 8.8"(h) x 8.1"(d) (47.9 x 22.4 x 20.1cm)

Weight: 6 pounds (2.7 kg)



Dimensions



Warranty

Ten (10) Year Warranty - LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. When using a Ringdale ActiveLED surge protection device, ordered and installed separately, the power supply warranty can be extended from five (5) years to ten (10) years.

Listings and Tests

cUL listed, CE, suitable for exterior locations. RoHS compliant. IP66 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A Made in USA - ARRA Compliant



Ordering Information

WP1			N				
------------	--	--	----------	--	--	--	--

Style	Voltage	Optics	Diffuser	CCT	Watts	Color	Options
WP1 - Wall Pack	U - 100-277 VAC, 50/60 Hz Digitally & BBU enabled J - Universal power supply 100-277 VAC, 50/60 Hz Not digitally capable 1 - 110/120 VAC Single Voltage 60 Hz 2 - 277 VAC Single Voltage 60 Hz 3 - 100 VAC Single Voltage 60 Hz 4 - 208 VAC Single Voltage 60 Hz 5 - 240 VAC Single Voltage 50 Hz 6 - 300-480 VAC 50/60 Hz Digitally & BBU enabled N - None (requires remote Power Supply, consult factory) E - 45/48 VDC Power Supply (No AC Support)	W - Traditional Wall Pack pattern WE - Traditional with integral battery backup	N - None	50 - 5000K 40 - 4000K 35 - 3500K 30 - 3000K 27 - 2700K	18 - 18 W LED 20 W Max (1500 lumens) 36 - 36 W LED 40 W Max (3019 lumens) Lumens at 5000K	SL - Silver BR - Brown CG - Charcoal WH - White BK - Black BZ - Bronze X - Custom RAL # for X	D - Dusk to Dawn J - Dusk/Dawn plus Motion/IR M - Motion + IR Receiver, programmable P - Pigtail, 6' AC Indoor Whip Q - Pigtail, 10' AC Indoor/Outdoor Whip R - Ir Receiver only, programmable

WP1 Series Wall Pack Light

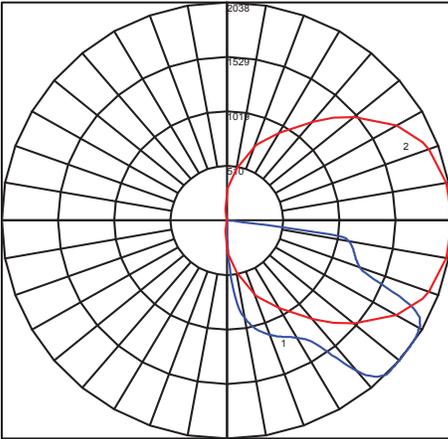
Performance Data

Projected Lumen Maintenance (TM-21)

Fixture / Ambient Temperature	0 Hours	15000 Hours	30000 Hours	45000 Hours	60000 Hours	90000 Hours
WP1U-WN-5036BZ @25C	1.00	1.00	0.99	0.99	0.99	0.99
WP1U-WN-5036BZ @40C	1.00	0.99	0.99	0.98	0.97	0.96
WP1U-WN-5036BZ @55C	1.00	0.98	0.97	0.96	0.94	0.92
WP1U-WN-5036BZ @60C	1.00	0.98	0.96	0.95	0.93	0.90

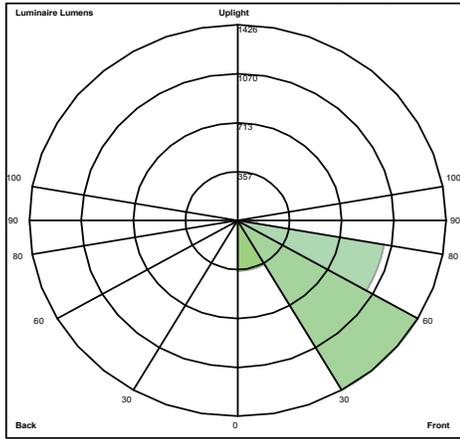
Note: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

Photometrics



Maximum Candela = 1109 Located At Horizontal Angle = 170, Vertical Angle = 2
 # 1 - Vertical Plane Through Horizontal Angles (170 - 350) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)

Luminaire Classification System (LCS) Graph



Luminaire Lumens:
 Front: Low=366.4, Medium=1426.1, High=1018.8, Very High=129.2
 Back: Low=21.2, Medium=39.8, High =15.9, Very High=1.5
 Uplight: Low=0.3, High = 0.0
 BUG Rating : B0-U1-G2

Control Options

The WP1 Wall Pack light can be provided with the ActiveLED intelligent LightSpace control capability. Additionally, the fixture can be ordered with an optional Occupancy controls, as well as an IR Receiver so the fixture can be programmed remotely using the ActiveLED remote IR programming device.

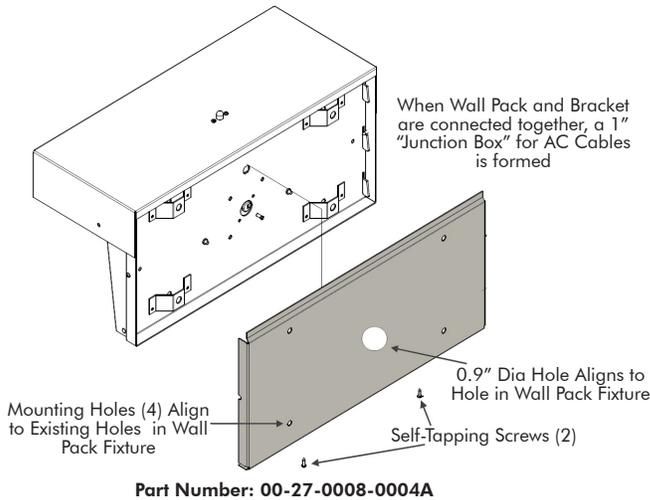
Battery Backup Enabled - Battery Backup Enabled, providing 48V DC support for an optional Emergency Battery Backup Unit (BBU) for an Emergency LED light Fixture.

Dusk/Dawn Sensor - Fixture detects adequate light and turns off when not needed.

IR Receiver Plus Motion - Integral motion sensor with IR receiver for programmable vacant to OFF and vacant to Dim level programming.

IR Receiver - Integral IR sensor only for ON to Dim programming.

Accessories/Mounting Options



Ringdale ActiveLED

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	3019
Watts	39.7
Lumens per Watt (Efficacy)	76

Color Accuracy	68
Color Rendering Index (CRI)	

Light Color	5050 (Daylight)
Correlated Color Temperature (CCT)	

2700K 3000K 4500K 6500K

All results are according to IESNA LM-79-2008: Approved Method for the Electrical and Photometric Testing of Solid-State Lighting. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the Label Reference Guide.

Registration Number: TZM2-Y4RMWJ (2/10/2015)
 Model Number: WP1U-W-N5036-BZ
 Type: Luminaire - Area/Roadway

Notes

